

ABSTRACT

A method of verifying and inspecting the bearing gap between a shaft and a shaft seat of a hydrodynamic bearing includes positioning the shaft in its functional position in the shaft seat of the test bearing. A measuring fluid is then caused to flow through the bearing gap. One or more parameters characterizing the fluid flow through the bearing gap can then be measured. Because these parameters of the fluid flow are affected by the dimensions of the bearing gap, the bearing gap can thus be reliably verified. A corresponding device for verifying and inspecting the bearing gap is also provided.